



**Small Main
Prioritization Model
Final Report**

July 2002

**Illinois-American Water Company
Engineering Department**

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I. Background

As of 2001, approximately 2.7 million lineal feet, or 17%, of Illinois-American Water Company's (IL-AWC's) total water main footage is sized 4-inches in diameter and less. Of these mains, approximately 73% are 3-inches in diameter or less. With the understanding that continued enhancement of the IL-AWC systems would require a systematic replacement of these small diameter mains, IL-AWC Engineering (Engineering) developed a 2001 goal to research and develop tools to assist the state in replacing these small mains.

During the first part of 2001, Engineering embarked on this goal. Along with input by the Northern District, a small diameter main prioritization model was developed for initial use by the Pekin District, since 22% (190,000 feet) of its distribution system consisted of mains with a size of 4-inches or less.

After development and testing with the Pekin District, it was determined that the Small Main Prioritization Model would be further utilized as a state-wide main assessment standard to assist the districts in developing annual main replacement programs.

II. Development of Main Replacement Criteria

In January 2001, associates from Engineering and the Northern Division met to establish a developmental team for the prioritization model. The team was comprised of Mark Johnson, Kelly Simpson, Brent O'Neill and Gene Mann from the Engineering group and Kevin Hillen, Randy West and Dan Durdle from the Northern Division.

The developmental team determined that a main replacement assessment standard would require adoption of several criteria to determine which mains would need to be replaced. The initial committee developed eight (8) criteria that were thought to play a major role in

providing reliable service. These criteria are included in Table A. During the first developmental meeting it was determined that several of the criteria had interrelationships. One of the interrelationships was main size and fire flow. In addition, it was determined that leaks can also be related to the age and material of the mains.

Table A - Main Replacement Criteria	
Low Pressure	Material
Number of Leaks	Size
Fire Flow	Water Quality
Main Age	Dead End

III. Development of Weighting and Ratings

Due to the interrelationships of the eight (8) criteria, the team established relative weights for each criteria. Age, material type and size were the primary criteria that would be used to determine main replacement. Initially, these three accounted for 55% of the total weight by the eight criteria. Upon further refinement, the total weighting for these three criteria weight was revised to 50%. See Exhibit A for all the criteria weighting values.

Along with the criteria weighting, the team developed rating standards for each of the eight (8) criteria. It was determined that a numeric rating of between 1 and 5 should be used for each criteria - with 1 being the better rating and 5 being the worst rating. Exhibit A summarizes the ratings for each criteria. The following describes the rating standards for each criteria:

- **Low Pressure**

<u>Rating</u>	<u>Pressure</u>
1	50 psi or greater
2	40 psi to < 50 psi
3	35 psi to < 40 psi
4	30 psi to < 35 psi
5	< 30 psi

- **Number of Leaks**

It was determined that due to the lack of "consistent" data regarding leaks state-wide that this item rating should be conducted subjectively by the district and the audit team. The rating would be such that a rating of 1 would be assigned to those areas that have no problems of leaks and graduating to a rating of 5 where mains experience a large amount of leaks. **It was recommended that a uniform state-wide leak database be developed.**

- **Fire Flow**

It was decided that two rating groups needed to be established for fire flow to account for residential areas and commercial areas within the distribution system. Industrial areas were not considered as they typically do not have small diameter water mains. Using these as a guideline the following ratings were developed:

<u>Rating</u>	<u>Residential Areas</u>	<u>Commercial Areas</u>
1	1,500 gpm and greater	2,500 gpm and greater
2	1,000 gpm to < 1,500 gpm	2,000 gpm to < 2,500 gpm
3	750 gpm to < 1,000 gpm	1,500 gpm to < 2,000 gpm
4	500 gpm to < 750 gpm	1,000 gpm to < 1,500 gpm
5	less than 500 gpm	less than 1,000 gpm

- **Age**

The age rating was created utilizing the Missouri American/St. Louis County age criteria. These ratings

include the time frames of change in the material types installed.

<u>Rating</u>	<u>Date of Installation</u>
1	1990 or later
2	1980 to 1989
3	1970 to 1979
4	1960 to 1969
5	1959 and prior

- **Material**

A listing of 10 different water main materials was developed and utilized in developing the following ratings. The ratings range from 1 being the most desirable pipe material to 5 being the least desirable material.

<u>Rating</u>	<u>Main Material Type</u>
1	Ductile Iron/ Reinforced Concrete Pipe (RCP)
2	Transite
3	PVC/ HDPE
4	Cast Iron
5	Galvanized/ Steel

- **Size**

<u>Rating</u>	<u>Main Size</u>
1	8 inch and above
2	6 inch
3	4 inch
4	2 inch and 3 inch
5	main smaller than 2 inch

- **Water Quality**

The subjective nature of this rating requires input by the district and the audit team. A rating of 1 would be assigned to those areas that have no historical problems with water quality, graduating to a rating of 5 where major water quality problems are experienced. **It was recommended that customer complaint information be used as a basis of the rating.**

- **Dead End Main**

The number of customers situated on a dead end main is used to develop this rating. Further development of this criterion during the testing of the small main program resulted in a determination that the same customer criteria rating be utilized for those mains that are not considered dead ends.

<u>Rating</u>	<u>Main Size</u>
1	less than 2 customers or a main not designated a dead end main
2	2 to 5 customers
3	6 to 10 customers
4	11 to 20 customers
5	greater than 20 customers

The combination of criteria weighting and criteria rating standards gives a maximum rating of 500 points (worst case) and a minimum rating of 100 points (best case). As an example, the 246 main segments analyzed within the Pekin System had a maximum main rating of 380 points and a minimum main rating of 190 points.

IV. Database Development

An electronic database was developed to assist the districts in the assessment and prioritization of their small mains and subsequent development of replacement schedules. An Access Database was developed to allow consistent entry of data by the districts and to assign the criteria ratings and weighting with little intervention by the operator.

In order to simplify the entry of data into the database, an entry screen was developed that allows the operator to enter specific main rating information into the database. Exhibit B provides an example of the database main entry screen. The database is designed to perform the necessary queries and calculations to determine the main section overall rating and ranking.

As an added benefit, the database develops a listing of small mains within each district system and provides detailed records for each main. Exhibit C provides an example of the District Main Inventory List. This listing is incorporated into the database and can be used to create reports accessible from the database menus.

The model requires that mains would be entered into the model through defined water main segments. In order to allow the districts to develop comprehensive replacement programs, consideration was given to the length of segments that could be effectively replaced per budget cycle. A majority of the mains placed within the model contained segments that were approximately 300 to 500 lineal feet. In addition, consideration was given so that each segment had access to a main with a size of 6-inches or greater to allow for improvements in service as the mains were replaced. In some situations, main segments developed for the model maybe greater than the one or two blocks due to the inability to provide sufficient interconnections to the proposed replacement main.

Anticipated costs for replacement of the mains were added to the database during the final stages of development to allow for the determination of the approximate cost for each main for use during budgeting. It is intended that the replacement cost developed by the database is utilized only for an approximate budget number and that detailed cost estimates will still need to be developed.

Finally, priority levels were developed to assist the Districts in determining which mains should be replaced first. Currently there are seven (7) priority levels. Table B indicates the range of each level.

Table B - Priority Levels and Rating Range	
Priority Level	Rating Range
A	350 to 500
B	300 to 350
C	250 to 300
D	200 to 250
E	150 to 200
F	100 to 150
G	0 to 100

V. Testing of the Database

The Pekin District system was utilized to test the database and allow review of the assessment standards. During this time, the Pekin District was going through a Comprehensive Planning Study Revision and system information was readily available.

Approximately 246 small mains segments were entered into the database. The main segments entered were those mains that were 4 inches and less, or 6-inch mains that were known to have problems. In addition, the mains were entered in one or two block sections to allow for a better representation of replacement costs and construction scheduling.

The data was entered using various sources of input data. A large portion of the initial data entry required utilization of distribution maps to identify main sizes and locations. District information with regard to main material and year of installation was obtained during visits to the district office. In addition, site visits were required in Pekin to determine the number of customers on each main. The next step was the review of past customer complaints and discussions with district operation representatives to determine water quality complaints/concerns and past leak information. Lastly, the hydraulic model was utilized to provide

static pressures for each of the mains. It is estimated that the combined effort for Engineering and district associates was approximately 160 man-hours to gather and enter the data into the database for Pekin.

After data entry, the main ratings were reviewed for accuracy. Initial review indicated that the database placed a higher than anticipated priority to dead end mains at the detriment of the other mains within the database and that the final main ratings were too clustered to allow for easy determination of main priority. As a result, the database was adjusted to eliminate the dead end main criteria and adjusted to include the number of customers located on the main. By making this change the database was able to give higher priority to those mains that had numerous customers compared to those mains which served only a few.

In order to address the problem of the database making large grouping of mains with similar ratings, two criteria weights were adjusted. As previously indicated, the main size criteria weight was adjusted to 20% instead of 25% and the pressure criteria weight was increased from 10% to 15%. This allowed for a more diverse main rating and assisted in the development of a more efficient way to prioritize the mains.

Appendix A includes two reports from the final database for the Pekin District. The first report is a District Rating Criteria Weighting List that ranks the main segments and indicates the ratings for each of the eight (8) criteria. In addition the list indicates the map page number of each main segment to allow for the districts to establish projects in close proximity to each other during a given year.

The second report is a District Main Priority and Cost listing, which provides the district with the main ratings of each main and groups them by priority levels. The report also provides the district with an approximate cost for replacement for each main and also totals the replacement costs in each priority level.

VI. Utilization of Main Rankings

It is anticipated that the mains with the highest rankings will be replaced first. However, the districts should make adjustments based on roadway improvements by the local municipality and proximity of other main replacement work during that construction season. Also, as main improvements occur throughout the system, other mains on the list may change priority ratings due to improvements in adjacent areas. The database should be updated each year to ensure updated main segment ratings.

VII. Conclusion

Data entry for the Pekin District was completed during the third quarter of 2001. The prioritization model predicts justifiable main replacement projects for the Pekin District.

It is recommended that the model be rolled-out to the remaining IL-AWC districts. As of this writing, three (3) additional districts have been analyzed using the model. These districts include Champaign County, Streator and Sterling.

It is expected that through further development and utilization of the small main prioritization model, IL-AWC should be able to systematically replace small diameter mains in high priority areas and allow each district to efficiently address system deficiencies.

EXHIBIT A

SMALL MAIN REPLACEMENT PROGRAM CRITERIA (Revised 6/4/01)

Criteria (Max. Points)		Weight	Rating				
			1	2	3	4	5
Low Pressure (75)		15x	60 psi or greater	40 psi to < 50 psi	35 psi to <40 psi	30 psi to < 35 psi	< 30 psi
Number of Leaks (75)		15x	Subjective rating by the district and the audit team. The rating would be such that 1 would be assigned to those areas that have no problems of leaks, graduating to a rating of 5 where mains experience a large amount of leaks.				
Fire Flow (50)	Residential	10x	1,500 gpm and greater	1,000 gpm to < 1,500 gpm	750 gpm to < 1,000 gpm	500 gpm to < 750 gpm	less than 500 gpm
	Commercial		2,500 gpm and greater	2,000 gpm to < 2,500 gpm	1,500 gpm to < 2,000 gpm	1,000 gpm to < 1,500 gpm	less than 1,000 gpm
Age (75)		15x	1990 or later	1980 to 1989	1970 to 1979	1960 to 1969	1959 and prior
Material Type (75)		15x	DI / RCP	Transite	PVC/ HDPE	CI	Gal. / Steel
Size of Main (100)		20x	8 inch and above	6 inch	4 inch	2 inch and 3 inch	Main smaller than 2 inch
Water Quality (25)		5x	Subjective rating by the district and the audit team. The rating would be such that 1 would be assigned to those areas that have no problems water quality, graduating to a rating of 5 where major water quality problems are experienced.				
Customer Number (25)		5x	less than 2 customers	2 to 5 customers	6 to 10 customers	11 to 20 customers	greater than 20 customers

EXHIBIT B

Main Entry Screen Example

Illinois-American Water Company



EXHIBIT C

Pekin District Main Inventory Listing

District Main Inventory

District ***Pekin***

<i>Rating</i>	<i>Location</i>	<i>Main Size</i>	<i>Length of Main</i>	<i>Year Installed</i>	<i>Material</i>	<i>Map Page</i>
380	Brooklawn (Oakdale East to Cul-de-sac)	2	520	1957	Galvanized	13
360	Shire (11th St East)	1.25	200	1955	Galvanized	12
360	Court (Entrance Drive to South & East	2	580	1956	Galvanized	6
355	Martin (Evertt to Hillview)	1.25	350	1949	Galvanized	12
350	11th Street (Oxford South to Dead End)	1.25	400	1955	Galvanized	12
350	Caroline (Sherwood West to Dead End)	1.25	800	1948	Galvanized	15
345	Oakwood Court (Oakwood South to Cul-de-sac)	2	260	1961	Cast Iron	5
345	Valencia Place (Cul-de-sac)	4	920	1967	Cast Iron	5
345	Fischer (Jerome to 18th Street)	1.25	550	1930	Galvanized	12
340	Morton (Derby South to Dead End)	2	1300	1938	Galvanized	12
340	Oxford (East of 11th Street)	1.5	230	1955	Galvanized	12
340	Henry (14th East to Dead End)	1.25	1200	1937	Galvanized	12
340	12th Street (Derby to Koch)	2	1300	1938	Galvanized	12
340	18th Street (Broadway to Market)	1.25	710	1929	Galvanized	15
340	Lake (Jerome East to Dead End)	1.25	420	1930	Galvanized	12
340	James (East of 18th Street)	1.25	80	1956	Galvanized	12
340	18th Street (James North to Dead End)	1.25	240	1956	Galvanized	12

District Pekin

Rating	Location	Main Size	Length of Main	Year Installed	Material	Map Page
340	Englewood Ter (Sherwood to Edgewood Court)	2	480	1955	Galvanized	15
340	Starovich Court (6th Street East to Cul-de-sac)	2	280	1927	Galvanized	11
340	Stout (Mitchell East to Dead End)	1.25	180	1949	Galvanized	12
335	Windsor Court (Sherwood West to Cul-de-sac)	2	300	1962	Galvanized	15
335	Powers (Roberts to Gunion)	4	1880	1956	Cast Iron	6
335	Howard (Derby to Charles Dead End)	1.25	400	1929	Galvanized	11
335	Copper (Sapp to ICRR Double Dead Ends)	1.25	1530	1923	Galvanized	11
335	Prince (13th West to Dead End)	1.25	270	1938	Galvanized	12
335	Peoria (Derby to Koch)	2	1300	1956	Galvanized	12
330	Cape Court (18th St East to Cul-De-Sac)	2	550	1954	Galvanized	12
330	Orr (Roberts Drive North & West to Cul-de-sac)	2	340	1956	PVC	6
330	Calvin Court (Lighter North to Cul-de-sac)	2	140	1959	Galvanized	15
330	Maple (Elm North to Dead End)	1.25	340	1981	Galvanized	11
330	Woodland (Christopher Duel Feeds & Dead Ends)	1.25	450	1922	Galvanized	15
330	Beachcomber(West Shore SW to Cul-De-Sac)	2	450	1957	Galvanized	12
330	Cottage Grove (South to Two Dead Ends)	2	900	1951	Galvanized	12
330	Marlin (Norman to Koch)	1.25	300	1957	Galvanized	12
330	Anna (Barbara to 18th Street)	2	1050	1955	Galvanized	12
330	ValleVista (Cul-de-sac)	4	820	1967	Cast Iron	5
325	12th Street (Derby to Prince)	2	1120	1938	Galvanized	12

*District**Pekin*

<i>Rating</i>	<i>Location</i>	<i>Main Size</i>	<i>Length of Main</i>	<i>Year Installed</i>	<i>Material</i>	<i>Map Page</i>
325	Poplar (Royal North to Dead End)	1.25	200	1931	Galvanized	15
325	South (Bacon East to Dead End)	1.25	250	1930	Galvanized	11
325	19th Street (Broadway North to Dead End)	2	620	1929	Galvanized	15
325	Reuling Court (Somerset East to Dead End)	1.25	250	1925	Galvanized	18
325	10th Street (Koch to Derby)	2	1310	1937	Galvanized	11
325	Stoneybrook (Parkway West to Dead End)	2	230	1929	Galvanized	15
325	Tennell (Barbara to 18th Street)	2	970	1950	Galvanized	12
325	12th Street (Meyers to Derby)	2	800	1938	Galvanized	12
325	Orr (Gunlon East to Dead End)	2	420	1956	PVC	6
325	Meadowlark (West to Dead End)	2.25	450	1954	Cast Iron	12
325	Orr (Entrance Drive to Roberts)	4	470	1956	Cast Iron	6
325	Terrace (Alley Line W Terrace & N Lawndale)	1.25	390	1950	Galvanized	18
325	Robin Lane (Aububon West to Dead End)	2.25	500	1954	Cast Iron	12
320	Barbara (James to Tennell)	2	470	1950	Galvanized	12
320	5th Street (Koch South to Dead End)	1.25	400	1930	Galvanized	11
320	Orchard (Broadway North to Dead End)	2	490	1949	Galvanized	15
320	Reese Court (Augusta East to Cul-de-sac)	1.25	370	1957	Galvanized	19
320	Arlann (North Shore to East Shore)	2	730	1949	Galvanized	12
320	17th (James to Martha)	1.25	150	1956	Galvanized	12
320	Windsor (Manor E & S to Dead Ends)	4	1730	1959	Cast Iron	15

District Pekin

<i>Rating</i>	<i>Location</i>	<i>Main Size</i>	<i>Length of Main</i>	<i>Year Installed</i>	<i>Material</i>	<i>Map Page</i>
320	Terry Court (4th Street West to Dead End)	1.25	270	1954	Galvanized	18
320	Tanglewood Court (East to Cul-de-sac)	4	330	1956	Cast Iron	5
320	Susannah (Alley line Sabella & Susannah)	0.75	310	1926	Galvanized	14
320	East Ling Court (Martha North to Dead End)	1.25	220	1949	Galvanized	12
320	Roberts (Orr to Powers)	4	290	1956	Cast Iron	6
320	Spring Avenue (13th Street East to Dead End)	1.25	390	1911	Galvanized	15
315	Thornton (Railroad East to Court Dead End)	1.25	530	1951	Galvanized	10
315	Vetter Court (7th Street East to Cul-de-sac)	1.25	200	1911	Galvanized	14
315	Hillside Court (Powers South to Cul-de-sac)	4	540	1956	PVC	6
315	Highland (Christopher West to Dead End)	2	210	1922	Galvanized	15
315	5th Street (Ann Eliza NE to Dead End)	1.25	130	1886	Galvanized	14
315	Black (Derby to Myers)	2	800	1936	Galvanized	12
315	St Clair Drive (West Sierra to Cul-de-sac)	4	520	1965	Cast Iron	5
315	Karo (Midland to Thornton Dead End)	2	1570	1951	Galvanized	3 & 10
315	Hamilton (Somerset West to Dead End)	1.25	260	1924	Galvanized	18
315	Melvina (Dell to ICRR Dead End)	1.25	340	1930	Galvanized	11
315	Brentwood Court (Manor East to Cul-de-sac)	2	260	1959	Galvanized	15
315	Southmoor (Koch South to Dead End)	2	630	1949	Galvanized	11
315	Herget (Hoff to ICRR Dead End)	1.25	400	1923	Galvanized	11
315	Sapp (Hoff to ICRR Dead End)	1.25	400	1923	Galvanized	11

*District**Pekin*

<i>Rating</i>	<i>Location</i>	<i>Main Size</i>	<i>Length of Main</i>	<i>Year Installed</i>	<i>Material</i>	<i>Map Page</i>
315	Jane (Somerset West to Dead End)	1.25	680	1938	Galvanized	18
315	Midway (Tazewell North to Dead End)	1.25	250	1957	Galvanized	13
315	Summer Alley Line (3rd to Summer Dead End)	1.25	480	1916	Galvanized	11
315	10th Street (Catherine to Hamilton)	1	1140	1911	Galvanized	14
315	Charlotte (Somerset West to Dead End)	1.25	250	1924	Galvanized	18
315	Fleishmann (East & North Quaker Dead Ends)	1.25	380	1951	Galvanized	10
310	Grandview (South to Dead End)	2	350	1949	Galvanized	12
310	Richardson (Somerset East to Dead End)	1.25	240	1925	Galvanized	18
310	High (Dell to ICRR Dead End)	1.25	360	1930	Galvanized	11
310	Virginia (Insull South to Dead End)	1.25	720	1951	Galvanized	3 & 10
310	Lucinda (Somerset West to Dead End)	1.25	430	1925	Galvanized	18
310	American (Midland to Rail Road Dead End)	1.25	920	1951	Galvanized	3 & 10
310	Dirksen Court (Somerset East to Dead End)	1.25	220	1957	Galvanized	18
310	Amanda (Somerset West to Dead End)	1.25	520	1925	Galvanized	18
310	5th Street (Sheridan North to Dead End)	1.25	340	1941	Galvanized	18
310	Manor (Willow South to Dead End)	4	1650	1959	Cast Iron	15
310	Charles (4th Street to Summer)	1.25	490	1916	Galvanized	11
310	Harriet (2nd Street West to Dead End)	1.25	160	1938	Galvanized	18
310	Oriole Lane (Aububon West to Dead End)	2.25	420	1954	Cast Iron	12
310	Oxford (7th to 8th Street)	4	560	1954	Cast Iron	11

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<i>Rating</i>	<i>Location</i>	<i>Main Size</i>	<i>Length of Main</i>	<i>Year Installed</i>	<i>Material</i>	<i>Map Page</i>
310	Kenmore Court (Court North to Dead End)	1.25	250	1924	Galvanized	15
310	Cardinal Crest (Aububon West to Dead End)	2.25	350	1954	Cast Iron	12
310	Margaret (12th Street East to Dead End)	1.25	400	1908	Galvanized	15
310	Hausler (Somerset East to Dead End)	1.25	230	1925	Galvanized	18
310	Willow (Capitol West to Dead End)	1.25	220	1913	Galvanized	14
310	State (2nd Street to Dead End)	1.25	400	1914	Galvanized	14
310	Mockingbird (Martin Lane North to Dead End)	2.25	400	1960	Cast Iron	12
305	Short (Monroe South to Dead End)	1.25	250	1951	Galvanized	18
305	Capitol (Caroline North East to Dead End)	1.25	1100	1908	Galvanized	14
305	Court (West Shore to East Shore)	2	700	1949	Galvanized	12
305	Sabella (Alley line Dead End toward St Mary)	1.25	320	1926	Galvanized	14
305	Hilton (Lawndale North to Cul-de-sac)	1.25	240	1949	Galvanized	19
305	14th Street (Market North to Dead End)	1.25	440	1929	Galvanized	15
305	Winter (4th Street toward Bacon Dead End)	1.25	170	1886	Galvanized	14
305	7th Street (Washington to Mclean Dead End)	1.25	280	1886	Galvanized	14
305	Mary (5th Street East to Dead End)	0.75	190	1938	Galvanized	14
305	9th Street (Court South to Dead End)	1	140	1886	Galvanized	14
305	Highland (Sycamore West to Dead End)	2	280	1927	Galvanized	15
305	Fleishman (W Quaker & N American Dead End)	1.25	230	1951	Galvanized	10
305	Mary (4th Street East to Dead End)	1.25	230	1913	Galvanized	14

*District**Pekin*

<i>Rating</i>	<i>Location</i>	<i>Main Size</i>	<i>Length of Main</i>	<i>Year Installed</i>	<i>Material</i>	<i>Map Page</i>
305	McLean (Bacon toward 6th Street Dead End)	1.25	210	1916	Galvanized	14
305	Melvina (North and East Alley Line to Dead End)	1.25	350	1923	Galvanized	11
305	Matilda (Somerset West to Dead End)	1.25	420	1925	Galvanized	18
305	Circle Ct (Circle Drive SW to Cul-de-sac)	2	240	1957	Galvanized	19
305	State (Manor to Windsor)	4	600	1959	Cast Iron	15
305	Saratoga (West Alton to Cul-de-sac)	2	150	1957	Cast Iron	12
305	Joan Court (4th Street West to Dead End)	1.25	250	1954	Galvanized	18
305	St Julian (4th Street East to Dead End)	1.25	160	1929	Galvanized	18
305	St Julian (5th Street East to Dead End)	1.25	190	1938	Galvanized	18
305	David Court (4th Street West to Dead End)	1.25	270	1954	Galvanized	18
305	Don Court (4th Street West to Dead End)	1.25	270	1954	Galvanized	18
300	Overhill (North & South Devron Drive Cul-de-sac)	3	1270	1949	Transite	5
300	10th Street (Hamilton North to Dead End)	1.25	120	1928	Galvanized	14
300	Buff (Willow North to Dead End)	2	700	1936	Galvanized	19
300	Fairlawn (Windsor to Lighter)	4	1150	1957	Cast Iron	15
300	Saratoga (Alton to Fredricks)	4	780	1957	Cast Iron	12
300	Caroline (2nd Street NW to Dead End)	2	380	1914	Galvanized	14
300	Renshaw Court (Willow North to Cul-de-sac)	2	290	1961	Galvanized	15
300	Devron Circle (Overhill East and South)	3	1530	1949	Transite	5
300	Caroline (2nd Street Alley line Dead End)	0.75	340	1914	Galvanized	14

District Pekin

<i>Rating</i>	<i>Location</i>	<i>Main Size</i>	<i>Length of Main</i>	<i>Year Installed</i>	<i>Material</i>	<i>Map Page</i>
300	Elm (ICRR to Court Dead End)	1.25	200	1928	Galvanized	11
300	Indian Creek Ct (Indian Creek North to Cul-de-sac)	2	200	1962	Cast Iron	18
300	Augusta (Willow to Rex)	2	1570	1957	Galvanized	19
300	East Shore (Rosewood South to Dead End)	2	330	1949	PVC	12
300	3rd Street (Koch to South Dead End)	2	670	1949	Galvanized	11
300	Summer (Koch to Herman Dead End)	2	990	1949	Galvanized	11
300	Bacon (Derby to Herman)	1.25	320	1930	Galvanized	11
300	Cherry Hills (Country Club)	2	350	1977	Cast Iron	20
300	Hamilton (16th Street to 13th Street)	2	1300	1937	Galvanized	15
295	5th Street (Margaret SW to Dead End)	2	90	1912	Galvanized	14
295	Lamar (16th Street to Dead End North Arthur)	4	970	1956	Cast Iron	19
295	Coolidge (13th Street East to Dead End)	2	280	1954	Galvanized	19
295	Haylake (St Andrews South Cul-de-sac)	4	190	1975	Cast Iron	20
295	Burning Tree (Country Club NW to Cul-de-sac)	4	440	1962	Cast Iron	16
295	Elm (Mechanic to 3rd Street)	1.25	320	1961	Galvanized	11
295	Terrace (Sheridan to Lawndale)	2	460	1950	Cast Iron	18
295	Pioneer (Holiday Dr West to Cul-de-sac)	1.5	300	1960	Galvanized	19
295	Monroe (13th Street East to Dead End)	2	270	1954	Galvanized	19
295	Wildwood Court (West Wildwood to Cul-de-sac)	2	300	1972	Cast Iron	5
290	Lakeside (4th Street East to Dead End)	2	420	1957	Cast Iron	18

District Pekin

<i>Rating</i>	<i>Location</i>	<i>Main Size</i>	<i>Length of Main</i>	<i>Year Installed</i>	<i>Material</i>	<i>Map Page</i>
290	Grove Place (Sunset to Dead End)	4	680	1954	Cast Iron	12
290	Crescent (Monroe to Lincoln)	2	670	1941	Cast Iron	18
290	Jefferson (14th Street to Lincoln)	4	760	1956	Cast Iron	19
290	Bush (14th Street to 15th Street)	2	380	1954	Galvanized	19
290	Alton (Saratoga to Koch)	4	360	1957	Cast Iron	12
290	Marion (Marion Point North Cul-de-sac)	4	300	1976	Cast Iron	21
290	Knollwood Ter (Veerman East to Dead End)	1.5	170	1962	Galvanized	19
290	Ann Eliza (12th Street West to Dead End Alley)	2	620	1929	Galvanized	15
290	Country Club Ct (Country Club W to Cul-de-sac)	2	270	1961	Cast Iron	16
285	12th Street (Willow to Chestnut)	2	850	1950	Galvanized	19
285	Pine Valley (Country Club West to Cul-de-sac)	4	400	1962	Cast Iron	16
285	Cherry (Greenbrook East to Dead End)	2	550	1976	Galvanized	13
285	Delshire (Somerset to 4th Street)	2	570	1957	Cast Iron	18
285	Inverness (Country Club East to Cul-de-sac)	4	460	1962	Cast Iron	16
280	Oak Ridge (12th Street to Dead End)	4	960	1925	Cast Iron	15
280	Cape Ann Court (Hartford East to Cul-de-sac)	4	400	1989	Cast Iron	2
280	Quaker (MidlandNorth to Fleishman Dead End)	2	1130	1951	Cast Iron	3 & 10
280	Illinois (14th Street to 16th Street)	4	920	1961	Galvanized	19
275	Center (17th Street)	4	700	1949	Cast Iron	12
275	Pilgrim (Memorial West to Cul-de-sac)	2	200	1960	Galvanized	19

<i>District</i>	<i>Pekin</i>					
<i>Rating</i>	<i>Location</i>	<i>Main Size</i>	<i>Length of Main</i>	<i>Year Installed</i>	<i>Material</i>	<i>Map Page</i>
275	Glennview Drive (Sunset to Sunset)	4	1050	1969	Cast Iron	12
275	4th Street (Charles to Park)	4	1430	1893	Cast Iron	11
275	15th Street (Chestnut to St Julian)	2	490	1961	Galvanized	19
275	Maple (Elm to Derby)	4	1280	1961	Cast Iron	11
275	Circle Drive (Hill Court to Hill Court)	4	960	1957	Cast Iron	19
275	Winter (8th St East toward 9th St Dead End)	0.75	180	1886	PVC	14
270	Monge (Court South to Dead End)	4	420	1939	Cast Iron	12
270	7th Street (McLean to Park)	4	680	1911	Cast Iron	14
270	Bacon (Park to Walnut)	4	840	1913	Cast Iron	11
270	Marth (13th St East to Dead End)	4	250	1928	Cast Iron	12
270	Parview Court (Broadway N Two Dead Ends)	2	970	1975	PVC	15
270	Hecker (Winter to North)	4	340	1925	Cast Iron	15
270	Prestwick (St Andrews South Cul-de-sac)	4	240	1975	Cast Iron	20
270	12th Street (Court to Royal)	4	550	1924	Cast Iron	15
270	Crescent (Jefferson to Sheridan)	2	310	1947	Cast Iron	18
270	Cordova Court (Sierra East to Cul-de-sac)	4	590	1973	Cast Iron	5
270	Cordova Court (Granada East to Dead End)	1	160	1976	Copper	5
270	6th Street (State to 8th Street)	4	380	1886	Cast Iron	14
270	Prince (Mechanic West to Dead End)	2	180	1961	PVC	11
265	8th Street (Matilda N & S Dead Ends)	2	880	1940	Cast Iron	18

*District**Pekin*

<i>Rating</i>	<i>Location</i>	<i>Main Size</i>	<i>Length of Main</i>	<i>Year Installed</i>	<i>Material</i>	<i>Map Page</i>
265	Desoto Court (Hollow Road North Cul-de-sac)	4	500	1978	Cast Iron	5
265	Amber Court (Autumn SE to Cul-de-sac)	2	130	1973	Galvanized	19
265	Memorial (Florence to Sheridan)	4	580	1968	Cast Iron	19
265	Tharp Place (Hillyer-Tharp-Hillyer)	4	1100	1949	Cast Iron	14
265	Holly Court (Maywood East to Cul-de-sac)	2	350	1962	PVC	15
265	Buena Vista (Washington to Broadway)	4	950	1886	Cast Iron	14
265	Market (12th Street to 14th Street)	4	840	1929	Cast Iron	15
265	Catherine (5th Street to 2nd Street)	4	1810	1908	Cast Iron	14
260	Henrietta (4th Street to 5th Street)	4	490	1913	Cast Iron	14
260	Pinta Court (Mayflower West to Cul-de-sac)	4	280	1989	Cast Iron	2
260	Dominion Ct (Dominion Ave South to Cul-de-sac)	2	280	1970	Galvanized	19
260	12th Street (Matilda to Sheridan)	4	640	1952	Cast Iron	19
260	13th Street (Lawndale North to Dead End)	1	190	1953	Copper	19
260	Capitol (Court NE to Market)	4	680	1912	Cast Iron	14
260	10th Street (Sheridan to Lawndale)	4	530	1949	Cast Iron	18
260	Chestnut (9th Street West to Dead End)	4	400	1938	Cast Iron	18
260	Roseburg Court (McLean South to Cul-de-sac)	4	300	1913	Cast Iron	14
260	St Julian (14th Street to 15th Street)	2	380	1972	Galvanized	19
260	6th Street (Market to Ann Eliza)	4	260	1886	Cast Iron	14
260	6th Street (Washington to Park)	4	980	1886	Cast Iron	14

District Pekin

<i>Rating</i>	<i>Location</i>	<i>Main Size</i>	<i>Length of Main</i>	<i>Year Installed</i>	<i>Material</i>	<i>Map Page</i>
260	Ann Eliza (Capitol to 7th Street)	4	1780	1908	Cast Iron	14
260	Walnut (Bacon to 4th Street)	4	360	1913	Cast Iron	11
260	Augusta (Sheridan to Matilda)	4	570	1955	Cast Iron	19
255	Hamilton (Willow to 8th Street)	4	700	1913	Cast Iron	14
255	Caroline (11th Street to 12th Street)	4	360	1928	Cast Iron	15
255	11th Street (Hamilton to Henrietta)	4	610	1928	Cast Iron	15
255	Lawndale (13th Street to 14th Street)	4	480	1953	Cast Iron	19
255	Franklin (3rd Street toward Summer Dead End)	4	280	1913	Cast Iron	14
255	Market (4th Street to 5th Street)	4	480	1888	Cast Iron	14
250	Susannah (Front to 2nd Street)	4	430	1926	Cast Iron	14
250	Cynthiana (Front to 2nd Street)	4	430	1890	Cast Iron	14
250	Jamestown Court (Bay Colony W to Cul-de-sac)	4	430	1994	Cast Iron	2
250	Somerset (Amanda North to Dead End)	4	1720	1925	Cast Iron	18
250	Royal (9th Street to 10th Street)	4	370	1912	Cast Iron	14
250	3rd Street (Court to Caroline)	4	1040	1908	Cast Iron	14
250	Plymouth Court (Mayflower West to Cul-de-sac)	4	730	1994	Cast Iron	2
245	Crimson Court (Autumn North to Cul-de-sac)	2	210	1962	PVC	19
245	Santa Marie (Mayflower South to Cul-de-sac)	4	480	1994	Cast Iron	2
245	Matilda (11th Street to Earl)	4	530	1951	Cast Iron	19
245	Salem Court (Hartford North to Cul-de-sac)	4	300	1995	Cast Iron	2

*District**Pekin*

<i>Rating</i>	<i>Location</i>	<i>Main Size</i>	<i>Length of Main</i>	<i>Year Installed</i>	<i>Material</i>	<i>Map Page</i>
245	Briarcliff (Two Cul-de-sacs)	4	500	1966	Cast Iron	13
235	Sapp (Alley Line West Herget to Koch)	2	900	1990	PVC	11
230	Nina Court (West Mayflower to Cul-de-sac)	4	390	1993	Cast Iron	8
230	Providence (Bay Colony West to Cul-de-sac)	4	390	1993	Cast Iron	2
215	Eisenhower (11th Street East to Cul-de-sac)	4	260	1977	PVC	19
210	Truman (11th Street East to Cul-de-sac)	4	240	1977	PVC	19
190	Scenic View Ct (Parkway East to Cul-de-sac)	4	340	1971	Ductile Iron	19

APPENDIX A

Pekin District rating Criteria Weighting List

Pekin District main Priority and Cost List

District Rating Criteria Weighted List

District: Pekin

Main Rating	Location	Main Size Weighted Value (100)	Material Type Weighted Value (75)	Age Weighted Value (75)	Pressure Weighted Value (75)	Fire Flow Weighted Value (50)	Customer Weighted Value (25)	Number of Leaks Weighted Value (75)	Water Quality Weighted Value (25)
380	Brooklawn (Oakdale East to Cul-de-sac)	80	75	75	15	50	20	60	5
360	Shire (11th St East)	100	75	75	30	50	10	15	5
360	Court (Entrance Drive to South & East)	80	75	75	45	50	15	15	5
355	Martin (Evert to Hillview)	100	75	75	45	30	10	15	5
350	11th Street (Oxford South to Dead End)	100	75	75	30	20	15	30	5
350	Caroline (Sherwood West to Dead End)	100	75	75	30	30	20	15	5
345	Oakwood Court (Oakwood South to Cul-de-sac)	80	60	60	60	50	15	15	5
345	Valencia Place (Cul-de-sac)	60	60	60	60	50	20	30	5
345	Fischer (Jerome to 18th Street)	100	75	75	30	20	25	15	5
340	Morton (Derby South to Dead End)	80	75	75	45	20	25	15	5
340	Oxford (East of 11th Street)	100	75	75	30	20	20	15	5
340	Henry (14th East to Dead End)	100	75	75	30	20	20	15	5
340	12th Street (Derby to Koch)	80	75	75	45	20	25	15	5
340	18th Street (Broadway to Market)	100	75	75	30	20	20	15	5
340	Lake (Jerome East to Dead End)	100	75	75	30	20	20	15	5
340	James (East of 18th Street)	100	75	75	30	30	10	15	5
340	18th Street (James North to Dead End)	100	75	75	30	30	10	15	5
340	Englewood Ter (Sherwood to Edgewood Court)	80	75	75	30	30	15	30	5
340	Starovich Court (6th Street East to Cul-de-sac)	80	75	75	45	30	15	15	5
340	Stout (Mitchell East to Dead End)	100	75	75	30	30	10	15	5
335	Windsor Court (Sherwood West to Cul-de-sac)	80	75	60	30	50	20	15	5

District: Pekin

Main Rating	Location	Main Size Weighted Value (100)	Material Type Weighted Value (75)	Age Weighted Value (75)	Pressure Weighted Value (75)	Fire Flow Weighted Value (50)	Customer Weighted Value (25)	Number of Leaks Weighted Value (75)	Water Quality Weighted Value (25)
		60	60	75	45	50	25	15	5
335	Powers (Roberts to Gunion)	100	75	75	30	10	25	15	5
335	Howard (Derby to Charles Dead End)	100	75	75	15	30	20	15	5
335	Copper (Sapp to ICRR Double Dead Ends)	100	75	75	30	10	10	30	5
335	Prince (13th West to Dead End)	80	75	75	45	20	20	15	5
335	Peoria (Derby to Koch)	80	75	75	30	30	20	15	5
330	Cape Court (18th St East to Cul-De-Sac)	80	45	75	45	50	15	15	5
330	Orr (Roberts Drive North & West to Cul-de-sac)	80	75	75	30	40	10	15	5
330	Calvin Court (Lighter North to Cul-de-sac)	100	75	60	15	40	20	15	5
330	Maple (Elm North to Dead End)	100	75	75	30	10	20	15	5
330	Woodland (Christopher Duel Feeds & Dead Ends)	80	75	75	30	30	20	15	5
330	Beachcomber(West Shore SW to Cul-De-Sac)	80	75	75	15	30	20	30	5
330	Cottage Grove (South to Two Dead Ends)	100	75	75	30	20	10	15	5
330	Martin (Norman to Koch)	80	75	75	30	20	25	15	10
330	Anna (Barbara to 18th Street)	60	60	60	60	50	20	15	5
330	VallaVista (Cul-de-sac)	80	75	75	30	20	25	15	5
325	12th Street (Derby to Prince)	100	75	75	30	10	15	15	5
325	Poplar (Royal North to Dead End)	100	75	75	30	10	15	15	5
325	South (Bacon East to Dead End)	80	75	75	30	30	15	15	5
325	19th Street (Broadway North to Dead End)	100	75	75	15	10	15	30	5
325	Reuling Court (Somerset East to Dead End)	80	75	75	30	20	25	15	5
325	10th Street (Koch to Derby)	80	75	75	15	40	20	15	5
325	Stoneybrook (Parkway West to Dead End)	80	75	75	30	20	25	15	5
325	Tennell (Barbara to 18th Street)	80	75	75	30	10	20	30	5
325	12th Street (Meyers to Derby)								

District: Pekin

Main Rating	Location	Main Size Weighted Value (100)	Material Type Weighted Value (75)	Age Weighted Value (75)	Pressure Weighted Value (75)	Fire Flow Weighted Value (50)	Customer Weighted Value (25)	Number of Leaks Weighted Value (75)	Water Quality Weighted Value (25)
325	Orr (Gunion East to Dead End)	80	45	75	45	50	10	15	5
325	Meadowlark (West to Dead End)	80	60	75	30	50	10	15	5
325	Orr (Entrance Drive to Roberts)	60	60	75	45	50	15	15	5
325	Terrace (Alley Line W Terrace & N Lawndale)	100	75	75	15	20	20	15	5
325	Robin Lane (Aububon West to Dead End)	80	60	75	30	50	10	15	5
320	Barbara (James to Tennell)	80	75	75	30	20	20	15	5
320	5th Street (Koch South to Dead End)	100	75	75	30	10	10	15	5
320	Orchard (Broadway North to Dead End)	80	75	75	30	20	20	15	5
320	Reese Court (Augusta East to Cul-de-sac)	100	75	75	30	10	10	15	5
320	Arlann (North Shore to East Shore)	80	75	75	30	20	20	15	5
320	17th (James to Martha)	100	75	75	30	10	10	15	5
320	Windsor (Manor E & S to Dead Ends)	60	60	75	30	50	25	15	5
320	Terry Court (4th Street West to Dead End)	100	75	75	15	10	10	30	5
320	Tanglewood Court (East to Cul-de-sac)	60	60	75	45	50	10	15	5
320	Susannah (Alley line Sabella & Susannah)	100	75	75	15	10	10	30	5
320	East Ling Court (Martha North to Dead End)	100	75	75	30	10	10	15	5
320	Roberts (Orr to Powers)	60	60	75	45	50	10	15	5
320	Spring Avenue (13th Street East to Dead End)	100	75	75	30	10	10	15	5
315	Thornton (Railroad East to Court Dead End)	100	75	75	15	10	20	15	5
315	Vetter Court (7th Street East to Cul-de-sac)	100	75	75	15	20	10	15	5
315	Hillside Court (Powers South to Cul-de-sac)	60	45	75	45	50	20	15	5
315	Highland (Christopher West to Dead End)	80	75	75	30	20	15	15	5
315	5th Street (Ann Eliza NE to Dead End)	100	75	75	15	20	10	15	5
315	Black (Derby to Myers)	80	75	75	30	10	25	15	5

District: Pekin

Main Rating	Location	Main Size Weighted Value (100)	Material Type Weighted Value (75)	Age Weighted Value (75)	Pressure Weighted Value (75)	Fire Flow Weighted Value (50)	Customer Weighted Value (25)	Number of Leaks Weighted Value (75)	Water Quality Weighted Value (25)
315	St Clair Drive (West Sierra to Cul-de-sac)	60	60	60	45	50	20	15	5
315	Karo (Midland to Thornton Dead End)	80	75	75	15	10	25	30	5
315	Hamilton (Somerset West to Dead End)	100	75	75	15	10	20	15	5
315	Melvina (Dell to ICRR Dead End)	100	75	75	15	10	20	15	5
315	Brentwood Court (Manor East to Cul-de-sac)	80	75	75	30	20	15	15	5
315	Southmoor (Koch South to Dead End)	80	75	75	15	10	25	30	5
315	Herget (Hoff to ICRR Dead End)	100	75	75	15	10	20	15	5
315	Sapp (Hoff to ICRR Dead End)	100	75	75	15	10	20	15	5
315	Jane (Somerset West to Dead End)	100	75	75	15	10	20	15	5
315	Midway (Tazewell North to Dead End)	100	75	75	15	20	10	15	5
315	Summer Alley Line (3rd to Summer Dead End)	100	75	75	15	20	10	15	5
315	10th Street (Catherine to Hamilton)	100	75	75	15	10	20	15	5
315	Charlotte (Somerset West to Dead End)	100	75	75	15	10	20	15	5
315	Fleishmann (East & North Quaker Dead Ends)	100	75	75	15	10	20	15	5
310	Grandview (South to Dead End)	80	75	75	30	20	10	15	5
310	Richardson (Somerset East to Dead End)	100	75	75	15	10	15	15	5
310	High (Dell to ICRR Dead End)	100	75	75	15	10	15	15	5
310	Virginia (Insull South to Dead End)	100	75	75	15	10	15	15	5
310	Lucinda (Somerset West to Dead End)	100	75	75	15	10	15	15	5
310	American (Midland to Rail Road Dead End)	100	75	75	15	10	15	15	5
310	Dirksen Court (Somerset East to Dead End)	100	75	75	15	10	15	15	5
310	Amanda (Somerset West to Dead End)	100	75	75	15	10	15	15	5
310	5th Street (Sheridan North to Dead End)	100	75	75	15	10	15	15	5
310	Manor (Willow South to Dead End)	60	60	75	30	40	25	15	5

District: Pekin

Main Rating	Location	Main Size Weighted Value (100)	Material Type Weighted Value (75)	Age Weighted Value (75)	Pressure Weighted Value (75)	Fire Flow Weighted Value (50)	Customer Weighted Value (25)	Number of Leaks Weighted Value (75)	Water Quality Weighted Value (25)
310	Charles (4th Street to Summer)	100	75	75	15	10	15	15	5
310	Harriet (2nd Street West to Dead End)	100	75	75	15	10	15	15	5
310	Oriole Lane (Aububon West to Dead End)	80	60	75	15	30	10	15	5
310	Oxford (7th to 8th Street)	60	60	75	30	30	20	30	5
310	Kenmore Court (Court North to Dead End)	100	75	75	15	10	15	15	5
310	Cardinal Crest (Aububon West to Dead End)	80	60	75	15	10	15	15	5
310	Margaret (12th Street East to Dead End)	100	75	75	15	10	15	15	5
310	Hausler (Somerset East to Dead End)	100	75	75	15	10	10	15	10
310	Willow (Capitol West to Dead End)	100	75	75	15	10	15	15	5
310	State (2nd Street to Dead End)	100	75	75	15	10	15	15	5
310	Mockingbird (Martin Lane North to Dead End)	80	60	60	30	30	10	15	5
305	Short (Monroe South to Dead End)	100	75	75	15	10	10	15	5
305	Capitol (Caroline North East to Dead End)	100	75	75	30	10	15	15	5
305	Court (West Shore to East Shore)	80	75	75	15	10	10	15	5
305	Sabella (Alley line Dead End toward St Mary)	100	75	75	15	10	10	15	5
305	Hilton (Lawndale North to Cul-de-sac)	100	75	75	15	10	10	15	5
305	14th Street (Market North to Dead End)	100	75	75	15	10	10	15	5
305	Winter (4th Street toward Bacon Dead End)	100	75	75	15	10	10	15	5
305	7th Street (Washington to Melean Dead End)	100	75	75	15	10	10	15	5
305	Mary (5th Street East to Dead End)	100	75	75	15	10	10	15	5
305	9th Street (Court South to Dead End)	100	75	75	15	10	15	15	5
305	Highland (Sycamore West to Dead End)	80	75	75	30	10	10	15	5
305	Fleishman (W Quaker & N American Dead End)	100	75	75	15	10	10	15	5
305	Mary (4th Street East to Dead End)	100	75	75	15	10	10	15	5

District: Pekin

Main Rating	Location	Main Size Weighted Value (100)	Material Type Weighted Value (75)	Age Weighted Value (75)	Pressure Weighted Value (75)	Fire Flow Weighted Value (50)	Customer Weighted Value (25)	Number of Leaks Weighted Value (75)	Water Quality Weighted Value (25)
305	McLean (Bacon toward 6th Street Dead End)	100	75	75	15	10	10	15	5
305	Melvina (North and East Alley Line to Dead End)	100	75	75	15	10	10	15	5
305	Matilda (Somerset West to Dead End)	100	75	75	15	10	10	15	5
305	Circle Ct (Circle Drive SW to Cul-de-sac)	80	75	75	15	30	10	15	5
305	State (Manor to Windsor)	60	60	75	30	40	20	15	5
305	Saratoga (West Alton to Cul-de-sac)	80	60	75	30	30	10	15	5
305	Joan Court (4th Street West to Dead End)	100	75	75	15	10	10	15	5
305	St Julian (4th Street East to Dead End)	100	75	75	15	10	10	15	5
305	St Julian (5th Street East to Dead End)	100	75	75	15	10	10	15	5
305	David Court (4th Street West to Dead End)	100	75	75	15	10	10	15	5
305	Don Court (4th Street West to Dead End)	100	75	75	15	10	10	15	5
300	Overhill (North & South Devron Drive Cul-de-sac)	80	30	75	30	40	25	15	5
300	10th Street (Hamilton North to Dead End)	100	75	75	15	10	5	15	5
300	Buff (Willow North to Dead End)	80	75	75	15	10	25	15	5
300	Fairlawn (Windsor to Lighter)	60	60	75	30	30	25	15	5
300	Saratoga (Alton to Fredricks)	60	60	75	30	30	25	15	5
300	Caroline (2nd Street NW to Dead End)	80	75	75	15	10	10	30	5
300	Renshaw Court (Willow North to Cul-de-sac)	80	75	60	30	20	15	15	5
300	Devron Circle (Overhill East and South)	80	30	75	30	40	25	15	5
300	Caroline (2nd Street Alley line Dead End)	100	75	75	15	10	5	15	5
300	Elm (ICRR to Court Dead End)	100	75	75	15	10	5	15	5
300	Indian Creek Ct (Indian Creek North to Cul-de-sac)	80	60	60	15	50	15	15	5
300	Augusta (Willow to Rex)	80	75	75	15	10	25	15	5
300	East Shore (Rosewood South to Dead End)	80	45	75	30	20	25	15	10

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Main Rating	Location	Main Size Weighted Value (100)	Material Type Weighted Value (75)	Age Weighted Value (75)	Pressure Weighted Value (75)	Fire Flow Weighted Value (50)	Customer Weighted Value (25)	Number of Leaks Weighted Value (75)	Water Quality Weighted Value (25)
300	3rd Street (Koch to South Dead End)	80	75	75	15	10	25	15	5
300	Summer (Koch to Herman Dead End)	80	75	75	15	10	25	15	5
300	Bacon (Derby to Herman)	100	75	75	15	10	5	15	5
300	Cherry Hills (Country Club)	80	60	45	30	40	10	30	5
300	Hamilton (16th Street to 13th Street)	80	75	75	15	10	25	15	5
295	5th Street (Margaret SW to Dead End)	80	75	75	15	20	10	15	5
295	Lamar (16th Street to Dead End North Arthur)	60	60	75	15	40	25	15	5
295	Coofidge (13th Street East to Dead End)	80	75	75	15	10	20	15	5
295	Haylake (St Andrews South Cul-de-sac)	60	60	45	30	50	15	30	5
295	Burning Tree (Country Club NW to Cul-de-sac)	60	60	60	15	50	15	30	5
295	Elm (Mechanic to 3rd Street)	100	75	60	15	20	5	15	5
295	Terrace (Sheridan to Lawndale)	80	60	75	15	10	20	30	5
295	Pioneer (Holiday Dr West to Cul-de-sac)	100	75	60	15	10	15	15	5
295	Monroe (13th Street East to Dead End)	80	75	75	15	10	20	15	5
295	Wildwood Court (West Wildwood to Cul-de-sac)	80	60	45	30	50	10	15	5
290	Lakeside (4th Street East to Dead End)	80	60	75	15	20	20	15	5
290	Grove Place (Sunset to Dead End)	60	60	75	15	40	20	15	5
290	Crescent (Monroe to Lincoln)	80	60	75	15	20	20	15	5
290	Jefferson (14th Street to Lincoln)	60	60	75	15	20	25	30	5
290	Bush (14th Street to 15th Street)	80	75	75	15	10	15	15	5
290	Alton (Saratoga to Koch)	60	60	75	30	30	15	15	5
290	Marion (Marion Point North Cul-de-sac)	60	60	45	30	50	10	30	5
290	Knollwood Ter (Veerman East to Dead End)	100	75	60	15	10	10	15	5
290	Ann Eliza (12th Street West to Dead End Alley)	80	75	75	15	10	15	15	5

District: Pekin

Main	Rating	Location	Main Size Weighted Value (100)	Material Type Weighted Value (75)	Age Weighted Value (75)	Pressure Weighted Value (75)	Pipe Flow Weighted Value (50)	Customer Weighted Value (25)	Number of Leaks Weighted Value (75)	Water Quality Weighted Value (25)
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290	Country Club Ct (Country Club W to Cul-de-sac)	80	60	60	15	40	15	15	15	5
285	12th Street (Willow to Chestnut)	80	75	75	15	10	15	15	15	5
285	Pine Valley (Country Club West to Cul-de-sac)	60	60	60	15	40	15	15	30	5
285	Charry (Greenbrook East to Dead End)	80	75	45	15	20	15	15	30	5
285	Delshire (Somerset to 4th Street)	80	60	75	15	20	15	15	15	5
285	Inverness (Country Club East to Cul-de-sac)	60	60	60	15	50	15	15	15	10
280	Oak Ridge (12th Street to Dead End)	60	60	75	30	10	25	15	15	5
280	Cape Ann Court (Hartford East to Cul-de-sac)	60	60	30	45	50	15	15	15	5
280	Quaker (MidlandNorth to Fishmen Dead End)	80	60	75	15	10	20	15	15	5
280	Illinois (14th Street to 16th Street)	60	75	60	15	10	25	30	15	5
275	Center (17th Street)	60	60	75	30	10	20	15	15	5
275	Pilgrim (Memorial West to Cul-de-sac)	80	75	60	15	10	15	15	15	5
275	Glensview Drive (Sunset to Sunset)	60	60	60	15	40	20	25	15	5
275	4th Street (Charles to Park)	60	60	75	15	20	25	30	15	5
275	Maple (Blm to Derby)	60	60	60	15	20	25	30	15	5
275	Circle Drive (Hill Court to Hill Court)	60	60	75	15	30	15	15	15	5
275	Winter (8th St East toward 9th St Dead End)	100	45	75	15	10	10	10	15	5
270	Mongo (Court South to Dead End)	60	60	75	30	10	15	20	15	5
270	7th Street (McLean to Park)	60	60	75	15	20	20	20	15	5
270	Bacon (Park to Walnut)	60	60	75	15	20	20	20	15	5
270	Marth (13th St East to Dead End)	60	60	75	30	10	15	15	15	5
270	Parkview Court (Broadway N Two Dead Ends)	80	45	45	15	40	25	25	15	5
270	Hecker (Winter to North)	60	60	75	15	20	20	20	15	5

Tuesday, June 18, 2002

District: Pekin

Main Rating	Location	Main Size Weighted Value (100)	Material Type Weighted Value (75)	Age Weighted Value (75)	Pressure Weighted Value (75)	Fire Flow Weighted Value (50)	Customer Weighted Value (25)	Number of Leaks Weighted Value (75)	Water Quality Weighted Value (25)
270	Prestwick (St Andrews South Cul-de-sac)	60	60	45	30	40	15	15	5
270	12th Street (Court to Royal)	60	60	75	30	10	15	15	5
270	Crescent (Jefferson to Sheridan)	80	60	75	15	10	10	15	5
270	Cordova Court (Sierra East to Cul-de-sac)	60	60	45	15	50	20	15	5
270	Cordova Court (Granada East to Dead End)	100	30	45	15	50	10	15	5
270	6th Street (State to 8th Street)	60	60	75	15	30	10	15	5
270	Prince (Mechanic West to Dead End)	80	45	60	15	40	10	15	5
265	8th Street (Matilda N & S Dead Ends)	80	60	75	15	10	5	15	5
265	Desoto Court (Hollow Road North Cul-de-sac)	60	60	45	15	50	15	15	5
265	Amber Court (Autumn SE to Cul-de-sac)	80	75	45	15	20	10	15	5
265	Memorial (Florence to Sheridan)	60	60	60	30	10	25	15	5
265	Tharp Place (Hillyer-Tharp-Hillyer)	60	60	75	15	10	25	15	5
265	Holly Court (Maywood East to Cul-de-sac)	80	45	60	15	30	15	15	5
265	Buena Vista (Washington to Broadway)	60	60	75	15	10	25	15	5
265	Market (12th Street to 14th Street)	60	60	75	15	10	25	15	5
265	Catherine (5th Street to 2nd Street)	60	60	75	15	10	25	15	5
260	Henrietta (4th Street to 5th Street)	60	60	75	15	10	20	15	5
260	Pinta Court (Mayflower West to Cul-de-sac)	60	60	30	30	50	10	15	5
260	Dominion Ct (Dominion Ave South to Cul-de-sac)	80	75	45	15	10	15	15	5
260	12th Street (Matilda to Sheridan)	60	60	75	15	10	20	15	5
260	19th Street (Lawndale North to Dead End)	100	30	75	15	10	10	15	5
260	Capitol (Court NE to Market)	60	60	75	15	20	10	15	5
260	10th Street (Sheridan to Lawndale)	60	60	75	15	10	20	15	5
260	Chestnut (9th Street West to Dead End)	60	60	75	15	10	20	15	5

District: Pekin

Main Rating	Location	Main Size Weighted Value (100)	Material Type Weighted Value (75)	Age Weighted Value (75)	Pressure Weighted Value (75)	Fire Flow Weighted Value (50)	Customer Weighted Value (25)	Number of Leaks Weighted Value (75)	Water Quality Weighted Value (25)
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260	Roseburg Court (McLean South to Cul-de-sac)	60	60	75	15	10	20	15	5
260	St Julian (14th Street to 15th Street)	80	75	45	15	10	15	15	5
260	6th Street (Market to Ann Eliza)	60	60	75	15	20	10	15	5
260	6th Street (Washington to Park)	60	60	75	15	10	20	15	5
260	Ann Eliza (Capitol to 7th Street)	60	60	75	15	10	20	15	5
260	Walnut (Hacon to 4th Street)	60	60	75	15	20	10	15	5
260	Augusta (Sheridan to Matilda)	60	60	75	15	10	20	15	5
255	Hamilton (Willow to 8th Street)	60	60	75	15	10	15	15	5
255	Caroline (11th Street to 12th Street)	60	60	75	15	10	15	15	5
255	11th Street (Hamilton to Henrietta)	60	60	75	15	10	15	15	5
255	Lawndale (13th Street to 14th Street)	60	60	75	15	10	15	15	5
255	Franklin (3rd Street toward Summer Dead End)	60	60	75	15	10	15	15	5
255	Market (4th Street to 5th Street)	60	60	75	15	10	15	15	5
250	Susannah (Front to 2nd Street)	60	60	75	15	10	10	15	5
250	Cynthia (Front to 2nd Street)	60	60	75	15	10	10	15	5
250	Jamestown Court (Bay Colony W to Cul-de-sac)	60	60	15	30	50	15	15	5
250	Somerset (Amanda North to Dead End)	60	60	75	15	10	10	15	5
250	Royal (9th Street to 10th Street)	60	60	75	15	10	10	15	5
250	3rd Street (Court to Caroline)	60	60	75	15	10	10	15	5
250	Plymouth Court (Mayflower West to Cul-de-sac)	60	60	15	30	50	15	15	5
245	Cymison Court (Aurum North to Cul-de-sac)	80	45	60	15	10	15	15	5
245	Santa Marie (Mayflower South to Cul-de-sac)	60	60	15	30	50	10	15	5
245	Matilda (11th Street to East)	60	60	75	15	10	5	15	5
245	Salem Court (Hartford North to Cul-de-sac)	60	60	15	30	50	10	15	5

Tuesday, June 18, 2002

District: Pekin

Rating	Location	Main Size Weighted Value (100)	Material Type Weighted Value (75)	Age Weighted Value (75)	Pressure Weighted Value (75)	Fire Flow Weighted Value (50)	Customer Weighted Value (25)	Number of Leaks Weighted Value (75)	Water Quality Weighted Value (25)
245	Britannia (Two Cul-de-sacs)	60	60	60	15	10	20	15	5
235	Sapp (Alley Line West Hargett to Koch)	80	45	15	15	30	15	30	5
230	Nina Court (West Mayflower to Cul-de-sac)	60	60	15	15	40	20	15	5
230	Providence (Bay Colony West to Cul-de-sac)	60	60	15	15	50	10	15	5
215	Bischoff (11th Street East to Cul-de-sac)	60	45	45	15	10	20	15	5
210	Thurman (11th Street East to Cul-de-sac)	60	45	45	15	10	15	15	5
190	Scenic View Ct (Parkway East to Cul-de-sac)	60	15	45	15	20	15	15	5

District Main Priority and Cost

District: Pekin

Priority Level: A

Main Rating	Priority Level	Location	Cost of Replacement
380	A	Brooklawn (Oakdale East to Cul-de-sac)	\$26,000
360	A	Court (Entrance Drive to South & East)	\$29,000
360	A	Shire (11th St East)	\$10,000
355	A	Martin (Evertt to Hillview)	\$17,500
<i>Total Cost of Replacement for Priority Level</i>			<i>\$82,500</i>

Priority Level: B

Main Rating	Priority Level	Location	Cost of Replacement
350	B	Caroline (Sherwood West to Dead End)	\$40,000
350	B	11th Street (Oxford South to Dead End)	\$20,000
345	B	Oakwood Court (Oakwood South to Cul-de-sac)	\$13,000
345	B	Fischer (Jerome to 18th Street)	\$27,500
345	B	Valencia Place (Cul-de-sac)	\$46,000
340	B	James (East of 18th Street)	\$4,000
340	B	Morton (Derby South to Dead End)	\$65,000
340	B	12th Street (Derby to Koch)	\$65,000
340	B	Starcewich Court (6th Street East to Cul-de-sac)	\$14,000
340	B	Oxford (East of 11th Street)	\$11,500
340	B	Lake (Jerome East to Dead End)	\$21,000
340	B	18th Street (James North to Dead End)	\$12,000
340	B	Stout (Mitchell East to Dead End)	\$9,000
340	B	18th Street (Broadway to Market)	\$35,500
340	B	Englewood Ter (Sherwood to Edgewood Court)	\$24,000
340	B	Henry (14th East to Dead End)	\$60,000
335	B	Copper (Sapp to ICRR Double Dead Ends)	\$76,500
335	B	Peoria (Derby to Koch)	\$65,000
335	B	Prince (13th West to Dead End)	\$13,500

335	B	Windsor Court (Sherwood West to Cul-de-sac)	\$15,000
335	B	Howard (Derby to Charles Dead End)	\$20,000
335	B	Powers (Roberts to Gunion)	\$94,000
330	B	Cape Court (18th St East to Cul-De-Sac)	\$27,500
330	B	Martin (Norman to Koch)	\$15,000
330	B	ValleVista (Cul-de-sac)	\$41,000
330	B	Beachcomber(West Shore SW to Cul-De-Sac)	\$22,500
330	B	Cottage Grove (South to Two Dead Ends)	\$45,000
330	B	Orr (Roberts Drive North & West to Cul-de-sac)	\$17,000
330	B	Woodland (Christopher Duel Feeds & Dead End	\$22,500
330	B	Maple (Elm North to Dead End)	\$17,000
330	B	Anna (Barbara to 18th Street)	\$52,500
330	B	Calvin Court (Lighter North to Cul-de-sac)	\$7,000
325	B	Stoneybrook (Parkway West to Dead End)	\$11,500
325	B	Orr (Entrance Drive to Roberts)	\$23,500
325	B	10th Street (Koch to Derby)	\$65,500
325	B	Poplar (Royal North to Dead End)	\$10,000
325	B	19th Street (Broadway North to Dead End)	\$31,000
325	B	Meadowlark (West to Dead End)	\$22,500
325	B	South (Bacon East to Dead End)	\$12,500
325	B	Rauling Court (Somerset East to Dead End)	\$12,500
325	B	12th Street (Meyers to Derby)	\$40,000
325	B	Terrace (Alley Line W Terrace & N Lawndale)	\$19,500
325	B	Robin Lane (Aububon West to Dead End)	\$25,000
325	B	12th Street (Derby to Prince)	\$56,000
325	B	Orr (Gunion East to Dead End)	\$21,000
325	B	Tennell (Barbara to 18th Street)	\$48,500
320	B	17th (James to Martha)	\$7,500
320	B	Windsor (Manor E & S to Dead Ends)	\$86,500
320	B	Barbara (James to Tennell)	\$23,500
320	B	Orchard (Broadway North to Dead End)	\$24,500
320	B	Susannah (Alley line Sabella & Susannah)	\$15,500
320	B	5th Street (Koch South to Dead End)	\$20,000
320	B	Terry Court (4th Street West to Dead End)	\$13,500

320	B	Roberts (Orr to Powers)	\$14,500
320	B	Reese Court (Augusta East to Cul-de-sac)	\$18,500
320	B	East Ling Court (Martha North to Dead End)	\$11,000
320	B	Tanglewood Court (East to Cul-de-sac)	\$16,500
320	B	Spring Avenue (13th Street East to Dead End)	\$19,500
320	B	Arlann (North Shore to East Shore)	\$36,500
315	B	Jane (Somerset West to Dead End)	\$34,000
315	B	Hamilton (Somerset West to Dead End)	\$13,000
315	B	Charlotte (Somerset West to Dead End)	\$12,500
315	B	Brentwood Court (Manor East to Cul-de-sac)	\$13,000
315	B	St Clair Drive (West Sierra to Cul-de-sac)	\$26,000
315	B	10th Street (Catherine to Hamilton)	\$57,000
315	B	Vetter Court (7th Street East to Cul-de-sac)	\$10,000
315	B	Karo (Midland to Thornton Dead End)	\$78,500
315	B	Fleishmann (East & North Quaker Dead Ends)	\$19,000
315	B	Midway (Tazewell North to Dead End)	\$12,500
315	B	5th Street (Ann Eliza NE to Dead End)	\$6,500
315	B	Melvina (Dell to ICRR Dead End)	\$17,000
315	B	Sapp (Hoff to ICRR Dead End)	\$20,000
315	B	Herget (Hoff to ICRR Dead End)	\$20,000
315	B	Summer Alley Line (3rd to Summer Dead End)	\$24,000
315	B	Black (Derby to Myers)	\$40,000
315	B	Highland (Christopher West to Dead End)	\$10,500
315	B	Hillside Court (Powers South to Cul-de-sac)	\$27,000
315	B	Southmoor (Koch South to Dead End)	\$31,500
315	B	Thornton (Railroad East to Court Dead End)	\$26,500
310	B	Richardson (Somerset East to Dead End)	\$12,000
310	B	Willow (Capitol West to Dead End)	\$11,000
310	B	Mockingbird (Martin Lane North to Dead End)	\$20,000
310	B	Lucinda (Somerset West to Dead End)	\$21,500
310	B	Harriet (2nd Street West to Dead End)	\$8,000
310	B	Cardinal Crest (Aububon West to Dead End)	\$17,500
310	B	Virginia (Insull South to Dead End)	\$36,000
310	B	Grandview (South to Dead End)	\$17,500

310	B	Oriele Lane (Auburn West to Dead End)	\$21,000
310	B	American (Midland to Rail Road Dead End)	\$46,000
310	B	Amanda (Somerset West to Dead End)	\$26,000
310	B	Dirksen Court (Somerset East to Dead End)	\$11,000
310	B	Charles (4th Street to Summer)	\$24,500
310	B	Manor (Willow South to Dead End)	\$82,500
310	B	Oxford (7th to 8th Street)	\$28,000
310	B	State (2nd Street to Dead End)	\$20,000
310	B	5th Street (Sheridan North to Dead End)	\$17,000
310	B	Margaret (12th Street East to Dead End)	\$20,000
310	B	High (Dell to ICRR Dead End)	\$18,000
310	B	Kenmore Court (Court North to Dead End)	\$12,500
310	B	Hausler (Somerset East to Dead End)	\$11,500
305	B	Fleishman (W Quaker & N American Dead End)	\$11,500
305	B	Don Court (4th Street West to Dead End)	\$13,500
305	B	Melvina (North and East Alley Line to Dead En	\$17,500
305	B	Hilton (Lawndale North to Cul-de-sac)	\$12,000
305	B	Mary (4th Street East to Dead End)	\$11,500
305	B	St Julian (5th Street East to Dead End)	\$9,500
305	B	St Julian (4th Street East to Dead End)	\$8,000
305	B	14th Street (Market North to Dead End)	\$22,000
305	B	Highland (Sycamore West to Dead End)	\$14,000
305	B	Short (Monroe South to Dead End)	\$12,500
305	B	State (Manor to Windsor)	\$30,000
305	B	Saratoga (West Alton to Cul-de-sac)	\$7,500
305	B	Court (West Shore to East Shore)	\$35,000
305	B	Capitol (Caroline North East to Dead End)	\$55,000
305	B	Sabella (Alley line Dead End toward St Mary)	\$16,000
305	B	David Court (4th Street West to Dead End)	\$13,500
305	B	Mary (5th Street East to Dead End)	\$9,500
305	B	Winter (4th Street toward Bacon Dead End)	\$8,500
305	B	McLean (Bacon toward 6th Street Dead End)	\$10,500
305	B	Joan Court (4th Street West to Dead End)	\$12,500
305	B	Matilda (Somerset West to Dead End)	\$21,000

305	B	Circle Ct (Circle Drive SW to Cul-de-sac)	\$12,000
305	B	7th Street (Washington to Mclean Dead End)	\$14,000
305	B	9th Street (Court South to Dead End)	\$7,000

Total Cost of Replacement for Priority Level \$3,089,000

Priority Level: C

Main Rating	Priority Level	Location	Cost of Replacement
300	C	Hamilton (16th Street to 13th Street)	\$65,000
300	C	Saratoga (Alton to Fredricks)	\$39,000
300	C	Bacon (Derby to Herman)	\$16,000
300	C	Summer (Koch to Herman Dead End)	\$49,500
300	C	3rd Street (Koch to South Dead End)	\$33,500
300	C	East Shore (Rosewood South to Dead End)	\$16,500
300	C	Caroline (2nd Street Alley line Dead End)	\$17,000
300	C	Fairlawn (Windsor to Lighter)	\$57,500
300	C	Elm (ICRR to Court Dead End)	\$10,000
300	C	10th Street (Hamilton North to Dead End)	\$6,000
300	C	Caroline (2nd Street NW to Dead End)	\$19,000
300	C	Overhill (North & South Devron Drive Cul-de-s	\$63,500
300	C	Augusta (Willow to Rex)	\$78,500
300	C	Buff (Willow North to Dead End)	\$31,000
300	C	Cherry Hills (Country Club)	\$17,500
300	C	Ranshaw Court (Willow North to Cul-de-sac)	\$14,500
300	C	Devron Circle (Overhill East and South)	\$76,500
300	C	Indian Creek Ct (Indian Creek North to Cul-de-s	\$10,000
295	C	Monroe (13th Street East to Dead End)	\$13,500
295	C	5th Street (Margaret SW to Dead End)	\$4,500
295	C	Haylake (St Andrews South Cul-de-sac)	\$9,500
295	C	Lamar (16th Street to Dead End North Asthur)	\$48,500
295	C	Burning Tree (Country Club NW to Cul-de-sac)	\$22,000
295	C	Coolidge (13th Street East to Dead End)	\$14,000
295	C	Wildwood Court (West Wildwood to Cul-de-sac)	\$15,000
295	C	Terrace (Sheridan to Lawndale)	\$23,000
295	C	Elm (Mechanic to 3rd Street)	\$16,000

295	C	Pioneer (Holiday Dr West to Cul-de-sac)	\$15,000
290	C	Bush (14th Street to 15th Street)	\$19,000
290	C	Marion (Marion Point North Cul-de-sac)	\$15,000
290	C	Jefferson (14th Street to Lincoln)	\$38,000
290	C	Knollwood Ter (Veerman East to Dead End)	\$8,500
290	C	Country Club Ct (Country Club W to Cul-de-sa	\$13,500
290	C	Grove Place (Sunset to Dead End)	\$34,000
290	C	Alton (Saratoga to Koch)	\$18,000
290	C	Lakeside (4th Street East to Dead End)	\$21,000
290	C	Ann Eliza (12th Street West to Dead End Alley)	\$31,000
290	C	Crescent (Monroe to Lincoln)	\$33,500
285	C	Inverness (Country Club East to Cul-de-sac)	\$23,000
285	C	Delshire (Somerset to 4th Street)	\$28,500
285	C	Cherry (Greenbrook East to Dead End)	\$27,500
285	C	Pine Valley (Country Club West to Cul-de-sac)	\$20,000
285	C	12th Street (Willow to Chestnut)	\$42,500
280	C	Cape Ann Court (Hartford East to Cul-de-sac)	\$20,000
280	C	Oak Ridge (12th Street to Dead End)	\$48,000
280	C	Quaker (MidlandNorth to Fleishman Dead End	\$56,500
280	C	Illinois (14th Street to 16th Street)	\$46,000
275	C	Glenview Drive (Sunset to Sunset)	\$52,500
275	C	Winter (8th St East toward 9th St Dead End)	\$9,000
275	C	Center (17th Street)	\$35,000
275	C	Maple (Elm to Derby)	\$64,000
275	C	15th Street (Chestnut to St Julian)	\$24,500
275	C	4th Street (Charles to Park)	\$71,500
275	C	Circle Drive (Hill Court to Hill Court)	\$48,000
275	C	Pilgrim (Memorial West to Cul-de-sac)	\$10,000
270	C	Parkview Court (Broadway N Two Dead Ends)	\$48,500
270	C	Cordova Court (Granada East to Dead End)	\$8,000
270	C	Cordova Court (Sierra East to Cul-de-sac)	\$29,500
270	C	Crescent (Jefferson to Sheridan)	\$15,500
270	C	12th Street (Court to Royal)	\$27,500
270	C	Marth (13th St East to Dead End)	\$12,500

270	C	Hecker (Winter to North)	\$17,000
270	C	6th Street (State to 8th Street)	\$19,000
270	C	7th Street (McLean to Park)	\$34,000
270	C	Monge (Court South to Dead End)	\$21,000
270	C	Prestwick (St Andrews South Cul-de-sac)	\$12,000
270	C	Prince (Mechanic West to Dead End)	\$9,000
270	C	Bacon (Park to Walnut)	\$42,000
265	C	Holly Court (Maywood East to Cul-de-sac)	\$17,500
265	C	Catherine (5th Street to 2nd Street)	\$90,500
265	C	8th Street (Matilda N & S Dead Ends)	\$44,000
265	C	Memorial (Florence to Sheridan)	\$29,000
265	C	Amber Court (Autumn SE to Cul-de-sac)	\$6,500
265	C	Tharp Place (Hillyer-Tharp-Hillyer)	\$55,000
265	C	Desoto Court (Hollow Road North Cul-de-sac)	\$25,000
265	C	Buena Vista (Washington to Broadway)	\$47,500
265	C	Market (12th Street to 14th Street)	\$42,000
260	C	St Julian (14th Street to 15th Street)	\$19,000
260	C	Henrietta (4th Street to 5th Street)	\$24,500
260	C	Capitol (Court NE to Market)	\$34,000
260	C	10th Street (Sheridan to Lawndale)	\$26,500
260	C	Chestnut (9th Street West to Dead End)	\$20,000
260	C	Ann Eliza (Capitol to 7th Street)	\$89,000
260	C	6th Street (Washington to Park)	\$49,000
260	C	Pinta Court (Mayflower West to Cul-de-sac)	\$14,000
260	C	Roseburg Court (McLean South to Cul-de-sac)	\$15,000
260	C	Dominion Ct (Dominion Ave South to Cul-de-s	\$14,000
260	C	Augusta (Sheridan to Matilda)	\$28,500
260	C	Walnut (Bacon to 4th Street)	\$18,000
260	C	12th Street (Matilda to Sheridan)	\$32,000
260	C	13th Street (Lawndale North to Dead End)	\$9,500
260	C	6th Street (Market to Ann Eliza)	\$13,000
255	C	Hamilton (Willow to 8th Street)	\$35,000
255	C	Market (4th Street to 5th Street)	\$24,000
255	C	Franklin (3rd Street toward Summer Dead End)	\$14,000

255	C	11th Street (Hamilton to Henrietta)	\$30,500
255	C	Lawndale (13th Street to 14th Street)	\$24,000
255	C	Caroline (11th Street to 12th Street)	\$18,000

Total Cost of Replacement for Priority Level **\$2,867,500**

Priority Level: D

Main Rating	Priority Level	Location	Cost of Replacement
250	D	Plymouth Court (Mayflower West to Cul-de-sac)	\$36,500
250	D	Susannah (Front to 2nd Street)	\$21,500
250	D	Cynthiana (Front to 2nd Street)	\$21,500
250	D	3rd Street (Court to Caroline)	\$52,000
250	D	Somerset (Amanda North to Dead End)	\$86,000
250	D	Royal (9th Street to 10th Street)	\$18,500
250	D	Jamestown Court (Bay Colony W to Cul-de-sac)	\$21,500
245	D	Salem Court (Hartford North to Cul-de-sac)	\$15,000
245	D	Briarcliff (Two Cul-de-sacs)	\$25,000
245	D	Matilda (11th Street to Earl)	\$26,500
245	D	Crimson Court (Autumn North to Cul-de-sac)	\$10,500
245	D	Santa Marie (Mayflower South to Cul-de-sac)	\$24,000
235	D	Sapp (Alley Line West Herget to Koch)	\$45,000
230	D	Providence (Bay Colony West to Cul-de-sac)	\$19,500
230	D	Nina Court (West Mayflower to Cul-de-sac)	\$19,500
215	D	Eisenhower (11th Street East to Cul-de-sac)	\$13,000
210	D	Truman (11th Street East to Cul-de-sac)	\$12,000

Total Cost of Replacement for Priority Level **\$467,500**

Priority Level: E

Main Rating	Priority Level	Location	Cost of Replacement
190	E	Scenic View Ct (Parkway East to Cul-de-sac)	\$17,000

Total Cost of Replacement for Priority Level **\$17,000**

Total Cost of Replacement for District Progra **\$6,523,500**